

Amendment to the Claims:

This listing of claims will replace all prior versions of claims in the application:

13. (Currently Amended) An absorbent sheet formed by:

(a) bleaching cellulosic fiber and producing fiber with a durable elevated curl index by way of a process comprising:

(1) feeding a first cellulosic pulp including Kraft fiber to a refining gap defined between opposed surfaces, at least one of the surfaces being rotatable with respect to its opposed surface;

(2) concurrently heat-treating, bleaching and convolving the cellulosic fiber pulp including Kraft fiber in the refining gap at elevated temperature and pressure at high consistency in a bleaching liquor under conditions selected so as to preclude substantial fibrillation and attendant paper strength and fiber bonding development;

(3) recovering said pulp wherein the length weighted curl index of the treated fiber is at least about 0.1220% ~~higher than the length weighted curl index of the fiber prior to said the non-destructive heat treatment, bleaching and convolving thereof; and~~

(b) incorporating the Kraft fiber with the elevated curl index provided by way of steps (a)(1), (a)(2) and (a)(3) in the absorbent sheet; and

(c) incorporating a second cellulosic pulp into the sheet which has not been concurrently heat treated, bleached and convolved but which is otherwise identical to said first cellulosic pulp.

64. (Original) The absorbent sheet according to Claim 13, wherein said step of heat-treating and convolving said fiber has a duration of from about 0.01 to about 20 seconds.

65. (Original) The absorbent sheet according to Claim 13, wherein said step of heat-treating and convolving said fiber has a duration of less than about 10 seconds.
66. (Original) The absorbent sheet according to Claim 13, wherein said step of heat-treating and convolving said fiber has a duration of less than about 5 seconds.
67. (Original) The absorbent sheet according to Claim 13, wherein said step of heat-treating and convolving said fiber has a duration of less than about 2 seconds.
68. (Original) The absorbent sheet according to Claim 13, wherein said step of heat-treating and convolving said fiber is carried out at a temperature of from about 230°F to about 370°F.
69. (Original) The absorbent sheet according to Claim 13, wherein mechanical energy input to said fiber during said heat-treating and convolving step is less than about 2 HP day/ton.
70. (Original) The absorbent sheet according to Claim 13, wherein said fiber comprises secondary fiber.
71. (Original) The absorbent sheet according to Claim 13, wherein said fiber consists essentially of secondary fiber.
72. (Original) The absorbent sheet according to Claim 13, wherein said fiber consists of secondary fiber.
73. (Currently Amended) An absorbent sheet incorporating secondary fiber which has been concurrently heat- treated and convolved wherein said secondary fiber has a curl index of at least about 0.12-, the absorbent sheet also incorporating secondary fiber which has not been concurrently heat treated and convolved but which secondary fiber is otherwise identical to the secondary fiber which has been concurrently heat treated and convolved and incorporated into the sheet.

74. (Original) The absorbent sheet according to Claim 73, wherein said step of heat-treating and convolving said secondary fiber has a duration of from about 0.01 to about 20 seconds.
75. (Original) The absorbent sheet according to Claim 73, wherein said step of heat-treating and convolving said secondary fiber has a duration of less than about 10 seconds.
76. (Original) The absorbent sheet according to Claim 73, wherein said step of heat-treating and convolving said secondary fiber has a duration of less than about 5 seconds.
77. (Original) The absorbent sheet according to Claim 73, wherein said step of heat-treating and convolving said secondary fiber has a duration of less than about 2 seconds.
78. (Original) The absorbent sheet according to Claim 73, wherein said step of heat-treating and convolving said secondary fiber is carried out at a temperature of from about 230°F to about 370°F.
79. (Original) The absorbent sheet according to Claim 73, wherein mechanical energy input to said secondary fiber during said heat-treating and convolving step is less than about 2 HP day/ton.
80. (New) The absorbent sheet according to Claim 73, wherein said sheet has a porofil value of at least 8.6.
81. (New) The absorbent sheet according to Claim 80, wherein said sheet has a porofil value of at least 9.4.
82. (New) The absorbent sheet according to Claim 80, wherein said sheet has a porofil value of at least 10.3